

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009970.D
 Acq On : 11 Aug 2022 17:43
 Operator : KP/MD
 Sample : N4126-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-080922

Quant Time: Aug 12 02:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

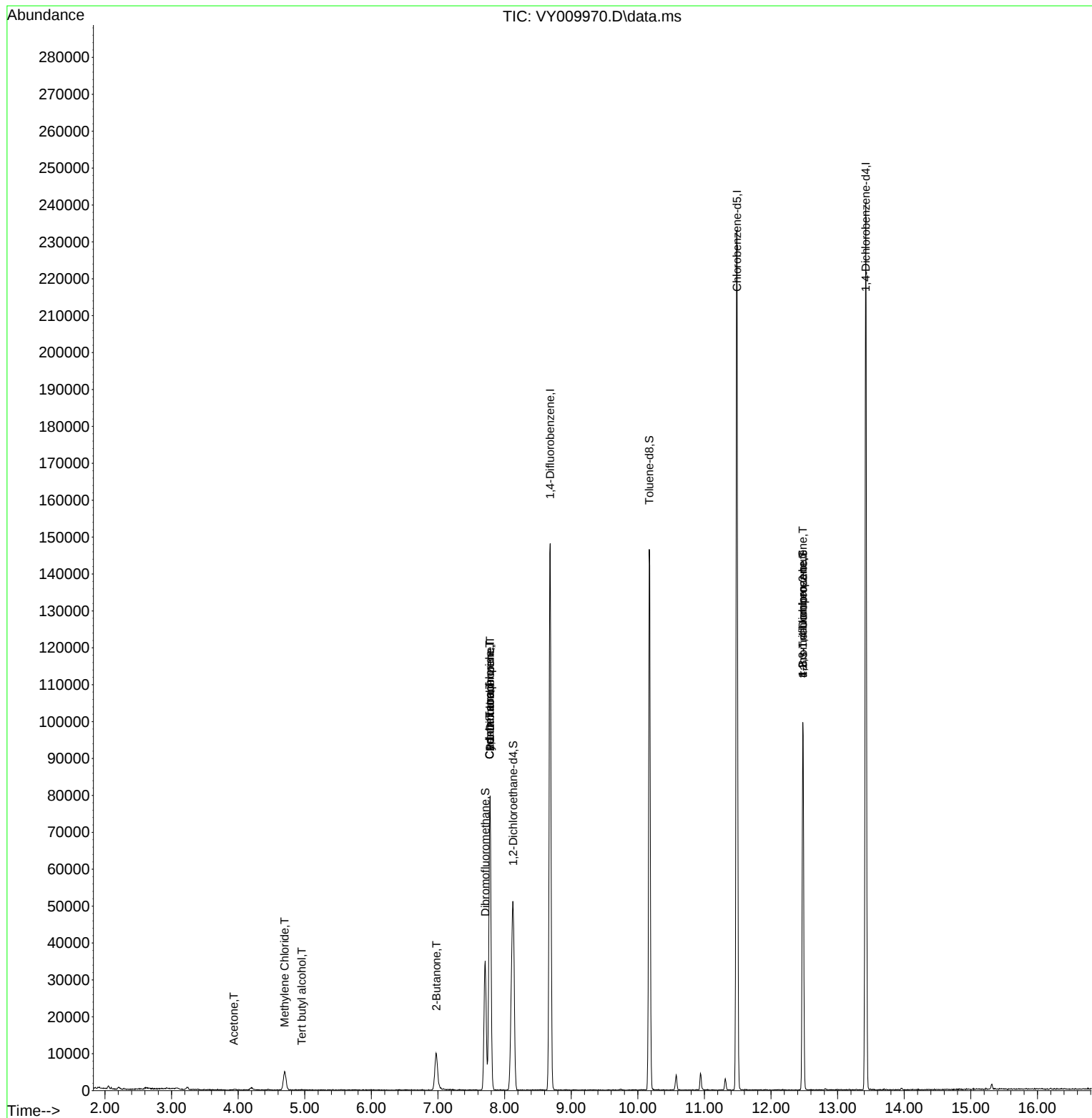
Internal Standards						
1) Pentafluorobenzene	7.783	168	60599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	125552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27496	59.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.710	113	25345	35.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.180%
50) Toluene-d8	10.173	98	92226	42.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.640%
62) 4-Bromofluorobenzene	12.477	95	29469	29.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.040%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.894	85	214	Below Cal		76
11) Tert butyl alcohol	4.954	59	202	3.413 ug/l #		78
16) Acetone	3.936	43	304	1.994 ug/l #		45
18) Methyl Acetate	4.448	43	84	Below Cal #		52
20) Methylene Chloride	4.698	84	3661	1.047 ug/l #		82
25) 2-Butanone	6.978	43	631	2.419 ug/l #		48
31) Cyclohexane	7.777	56	1393	1.074 ug/l #		1
36) 1,1-Dichloropropene	7.783	75	4933	3.923 ug/l #		48
38) Carbon Tetrachloride	7.777	117	6212	5.158 ug/l #		17
76) 1,2,3-Trichloropropane	12.477	75	15736	25.529 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	15736	49.694 ug/l #		13

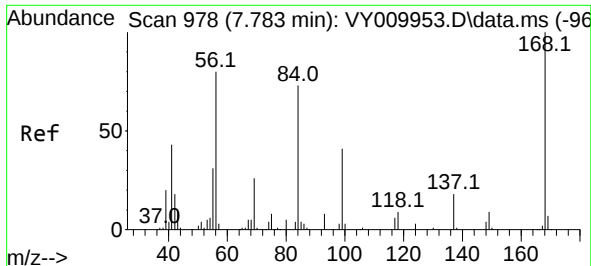
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
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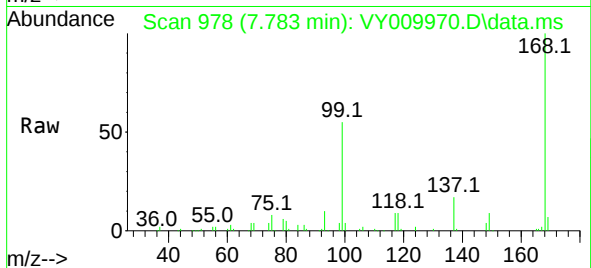
Quant Time: Aug 12 02:50:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 17:37:28 2022
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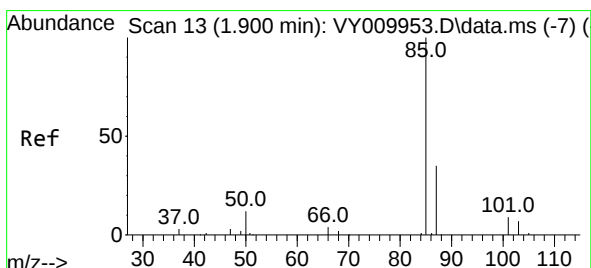
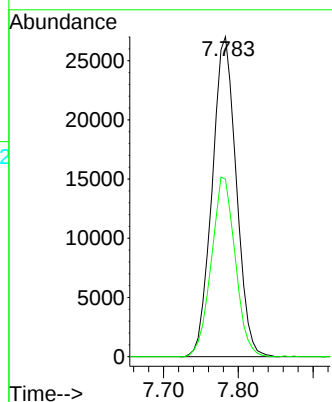
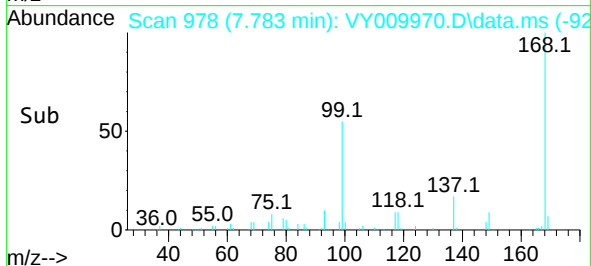


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

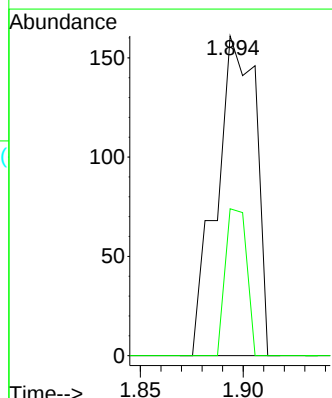
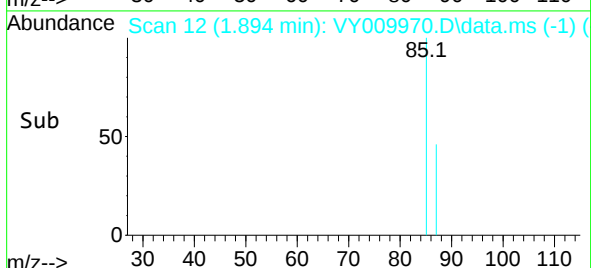
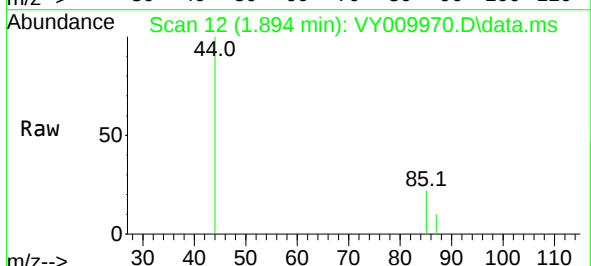


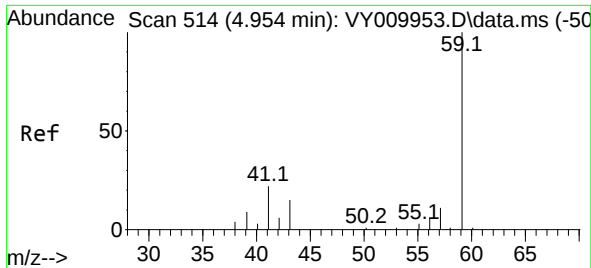
Tgt Ion:168 Resp: 60599
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 85 Resp: 214
Ion Ratio Lower Upper
85 100
87 46.0 16.2 48.5

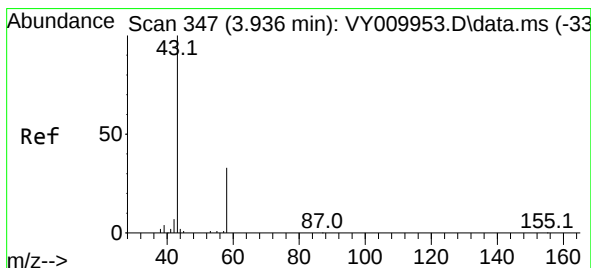
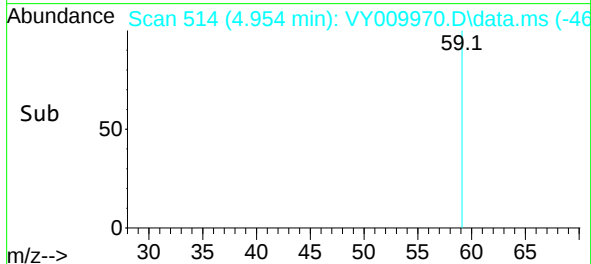
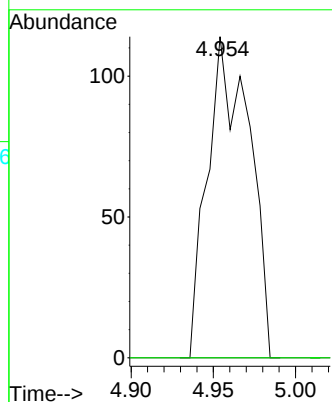
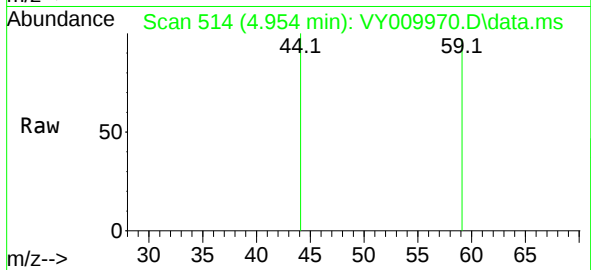




#11
Tert butyl alcohol
Concen: 3.413 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

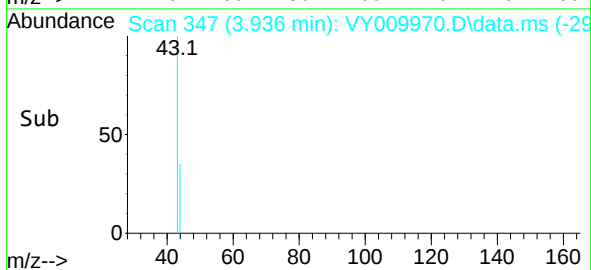
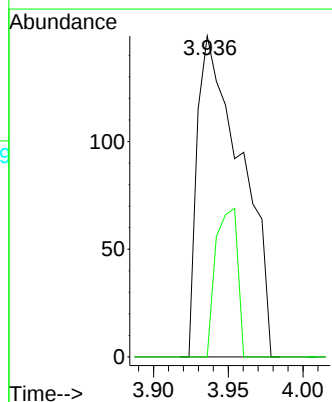
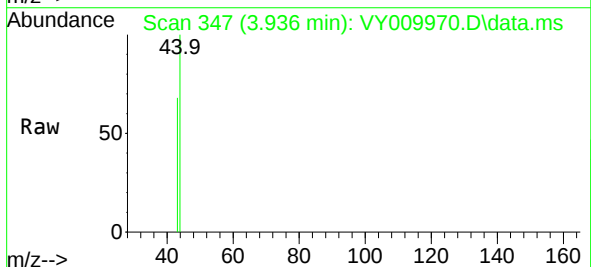
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

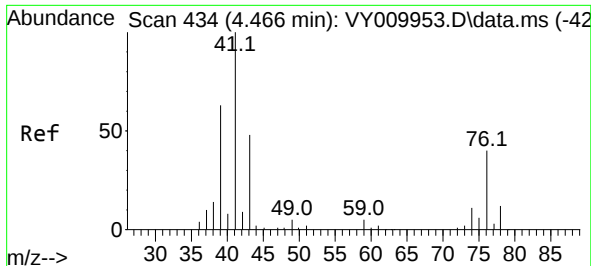
Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#16
Acetone
Concen: 1.994 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

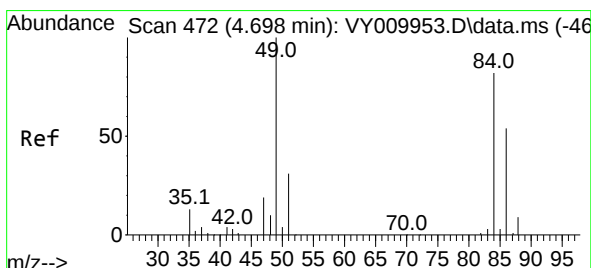
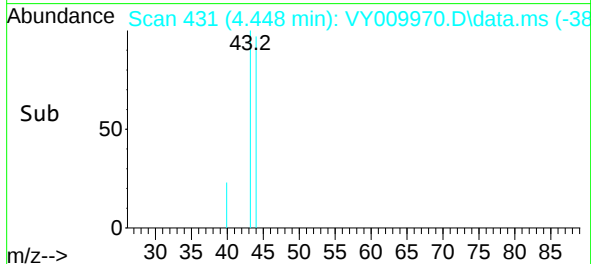
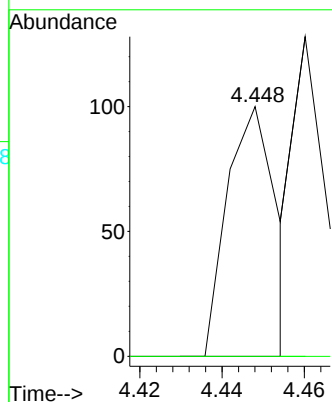
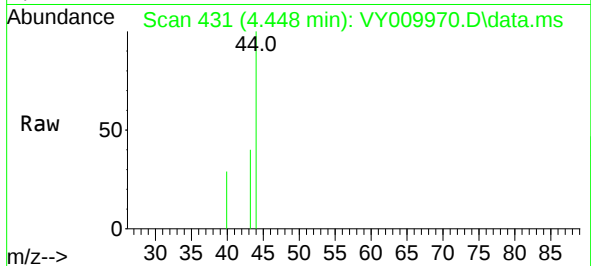




#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

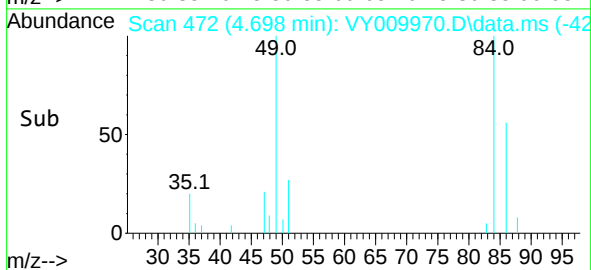
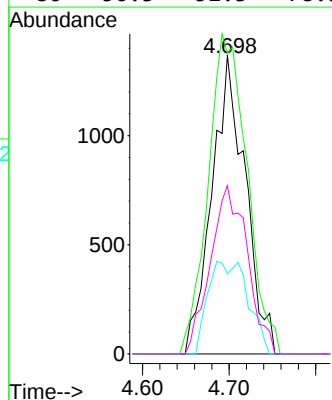
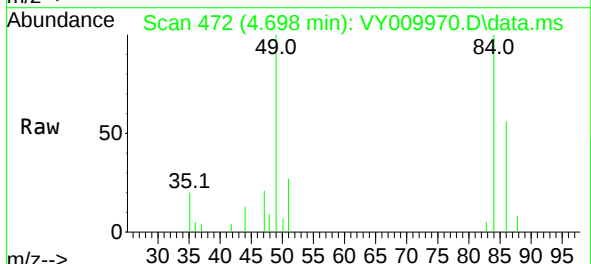
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

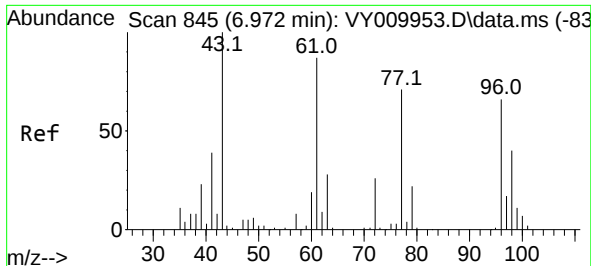
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.047 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 84 Resp: 3661
Ion Ratio Lower Upper
84 100
49 100.4 98.2 147.4
51 26.8 33.4 50.0#
86 56.3 52.3 78.5





#25

2-Butanone

Concen: 2.419 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

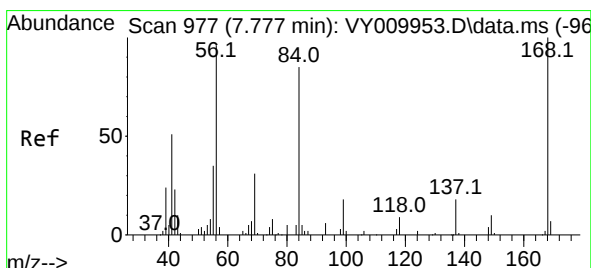
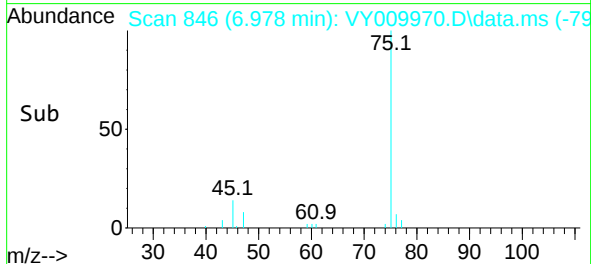
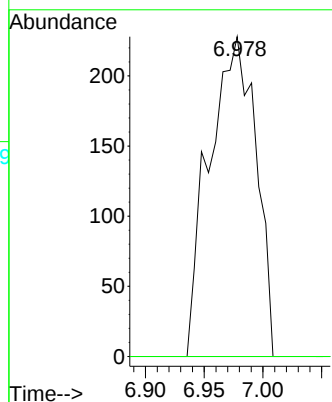
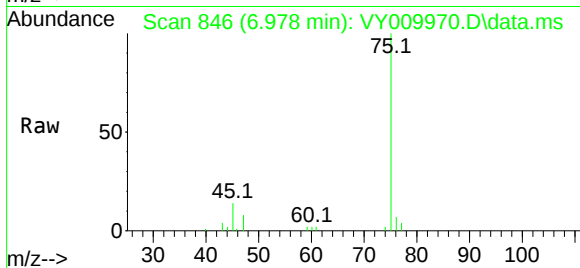
OR-03-080922

Tgt Ion: 43 Resp: 631

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.074 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

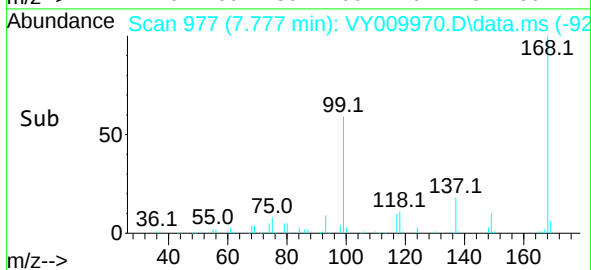
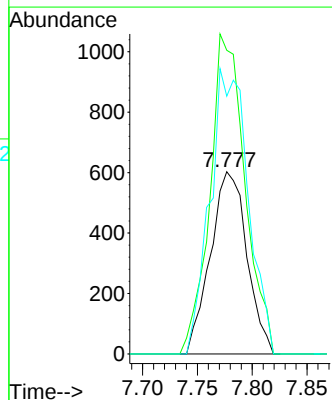
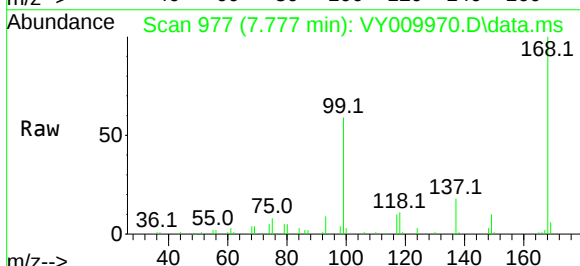
Tgt Ion: 56 Resp: 1393

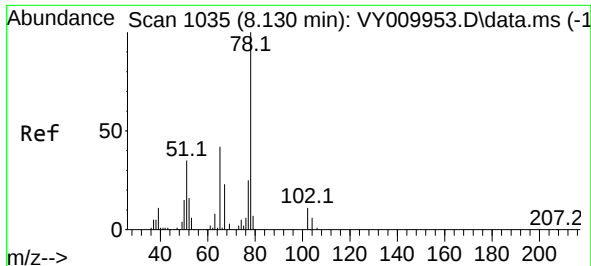
Ion Ratio Lower Upper

56 100

69 166.7 26.0 39.0#

84 141.5 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 59.403 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

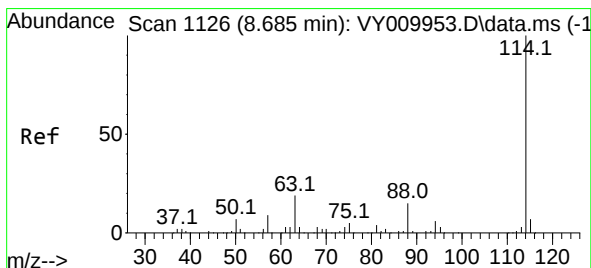
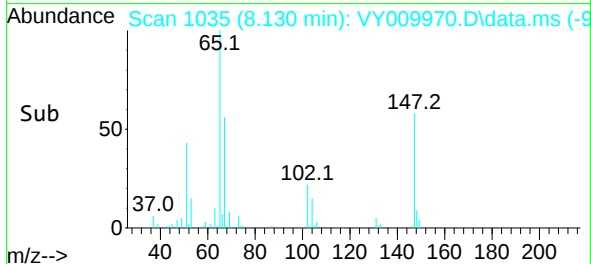
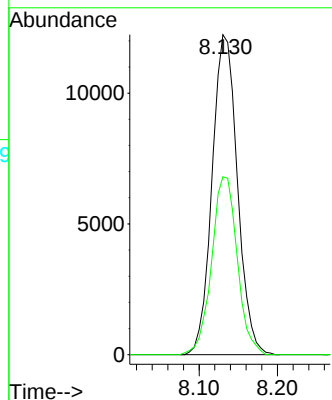
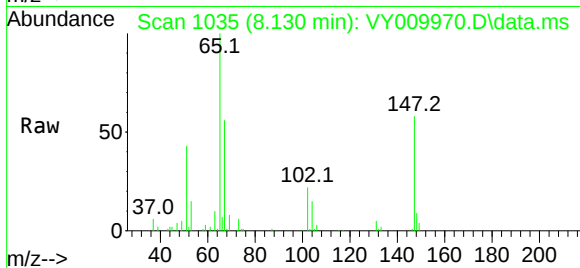
OR-03-080922

Tgt Ion: 65 Resp: 27496

Ion Ratio Lower Upper

65 100

67 56.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009970.D

Acq: 11 Aug 2022 17:43

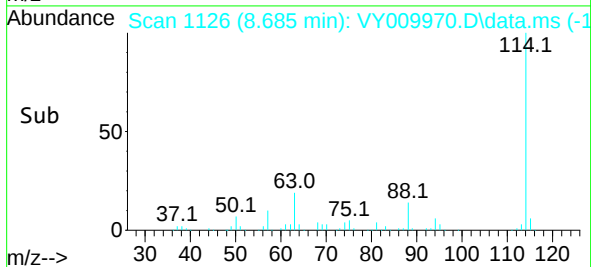
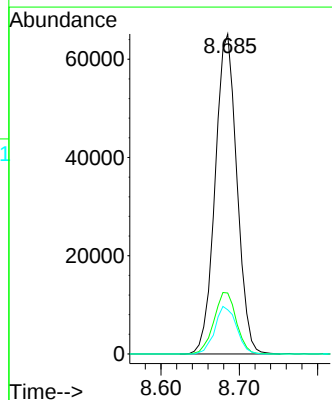
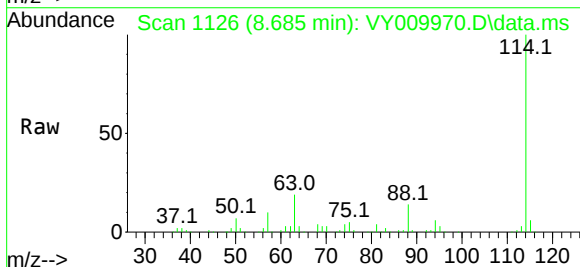
Tgt Ion: 114 Resp: 125552

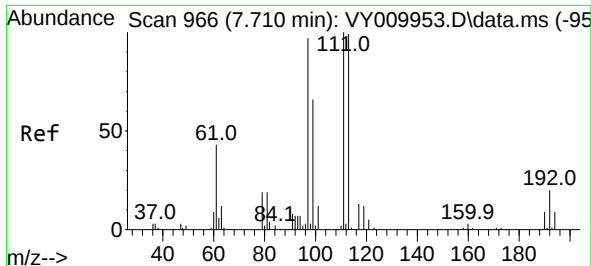
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

88 13.8 0.0 30.0

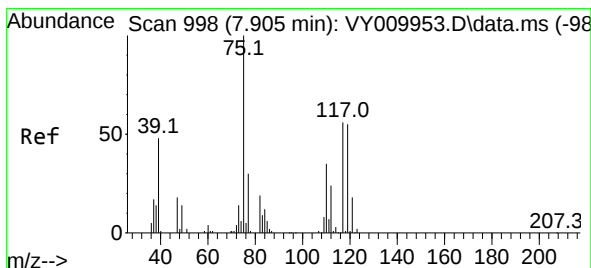
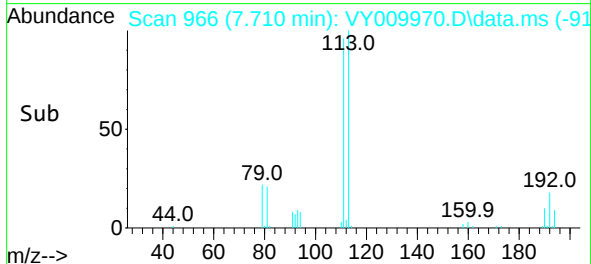
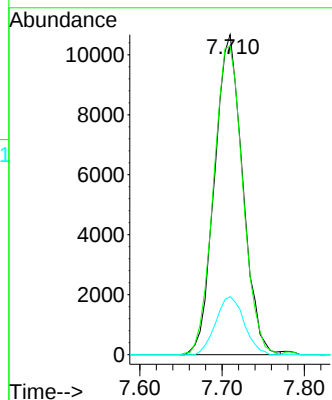
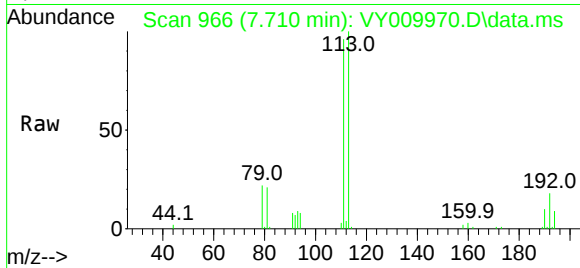




#35
Dibromofluoromethane
Concen: 35.085 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

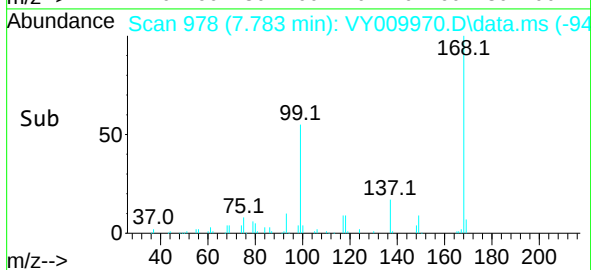
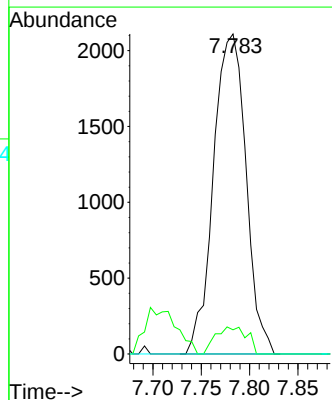
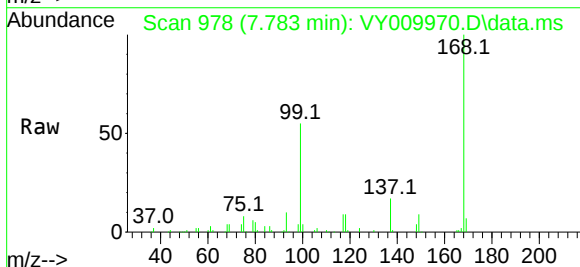
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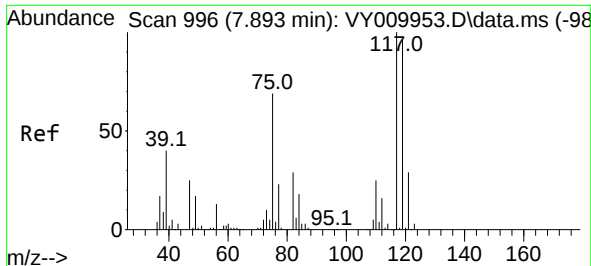
Tgt Ion:113 Resp: 25345
Ion Ratio Lower Upper
113 100
111 100.1 80.6 120.8
192 18.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 3.923 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

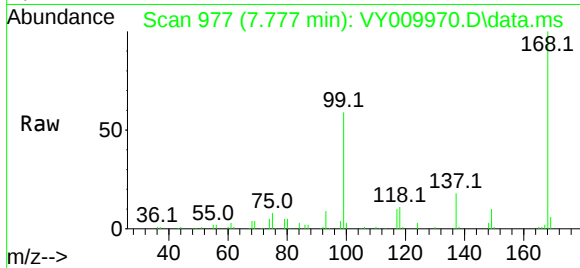
Tgt Ion: 75 Resp: 4933
Ion Ratio Lower Upper
75 100
110 8.1 18.6 56.0#
77 0.0 25.0 37.4#



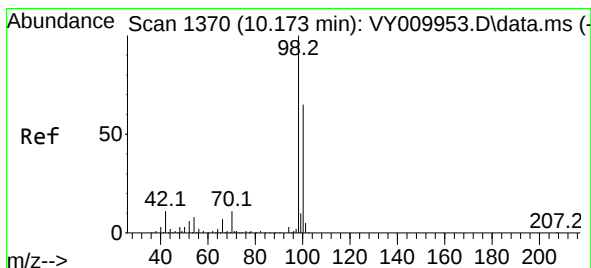
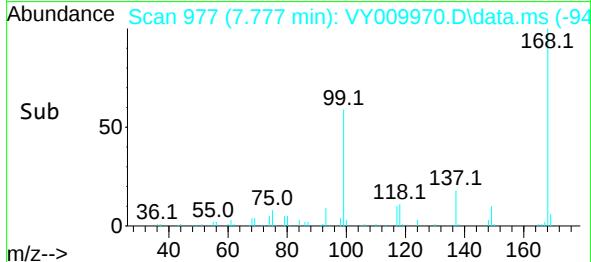
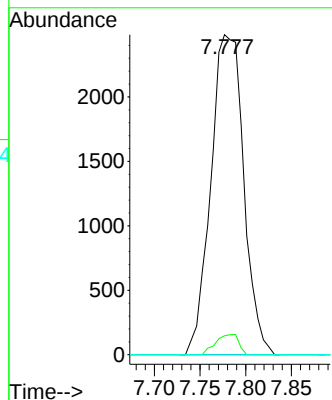


#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

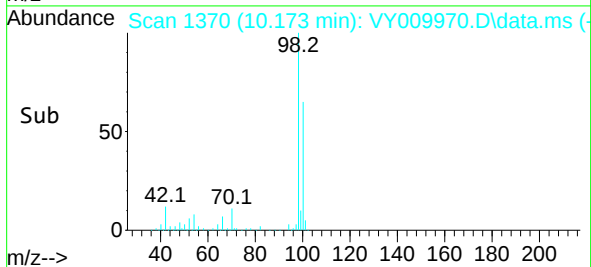
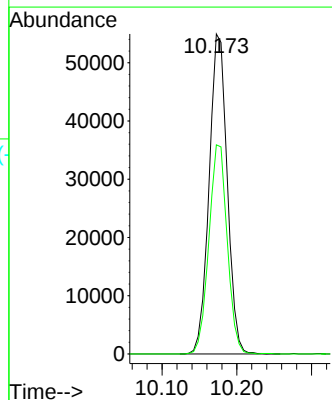
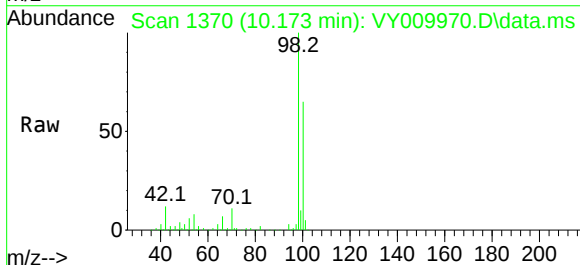


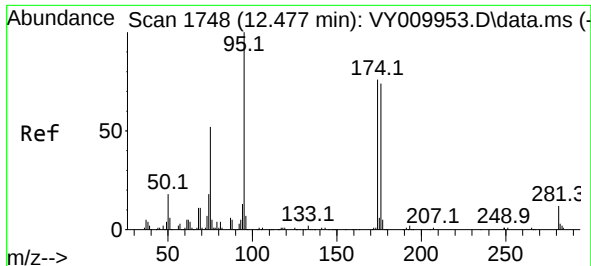
Tgt Ion:117 Resp: 6212
Ion Ratio Lower Upper
117 100
119 5.9 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.817 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 98 Resp: 92226
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

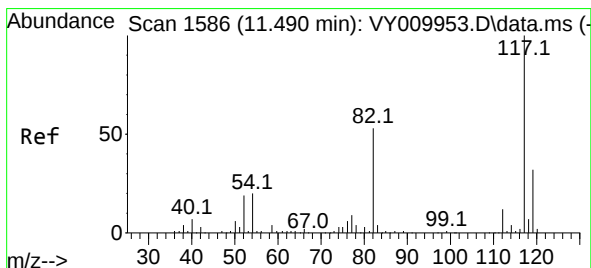
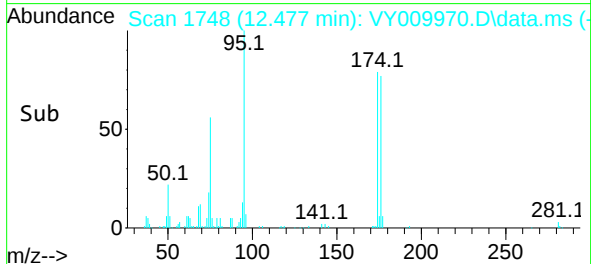
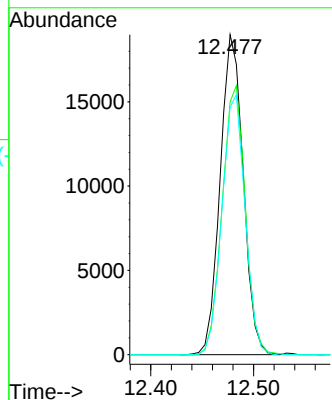
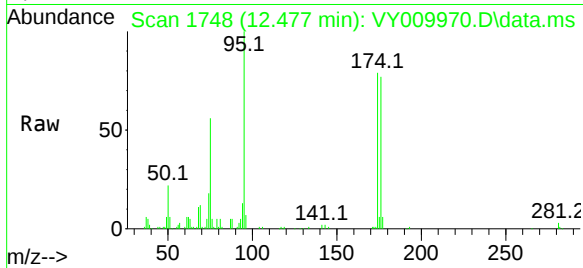




#62
4-Bromofluorobenzene
Concen: 29.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

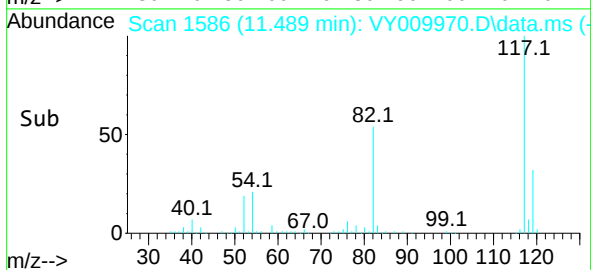
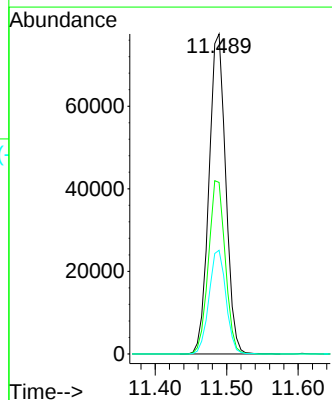
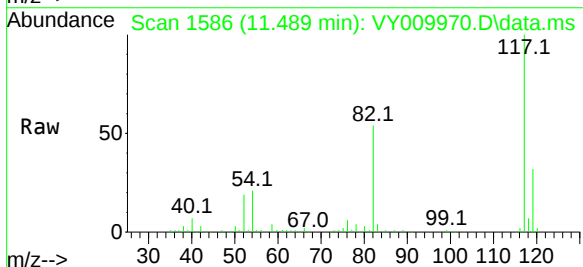
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-080922

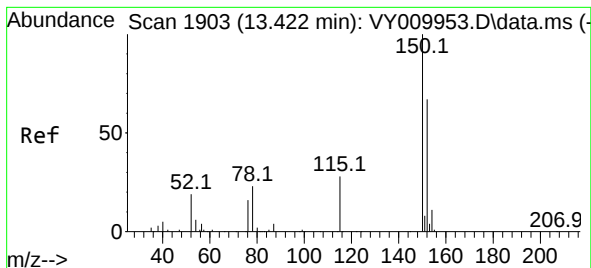
Tgt Ion: 95 Resp: 29469
Ion Ratio Lower Upper
95 100
174 84.7 0.0 173.8
176 81.7 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009970.D
Acq: 11 Aug 2022 17:43

Tgt Ion: 117 Resp: 125978
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 32.4 25.6 38.4

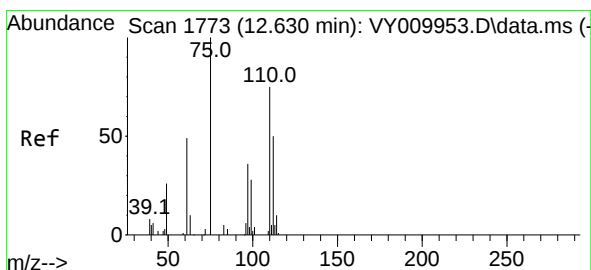
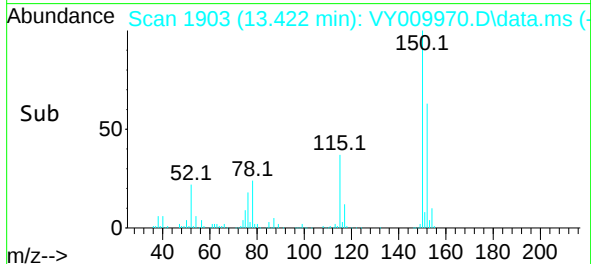
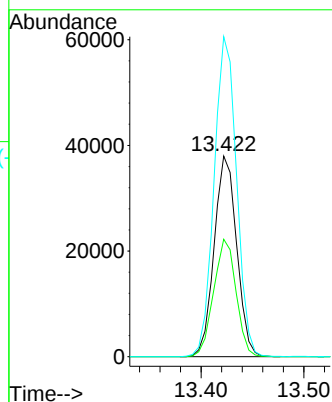
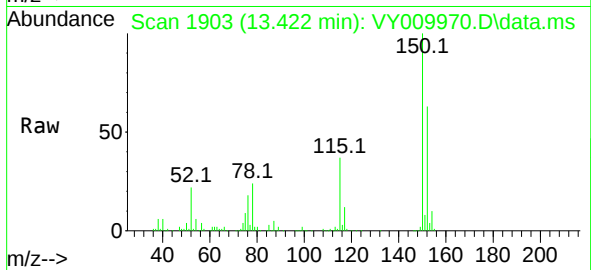




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009970.D
 Acq: 11 Aug 2022 17:43

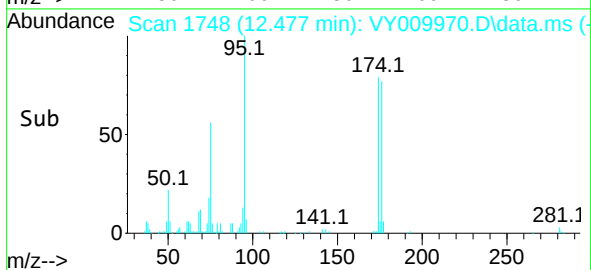
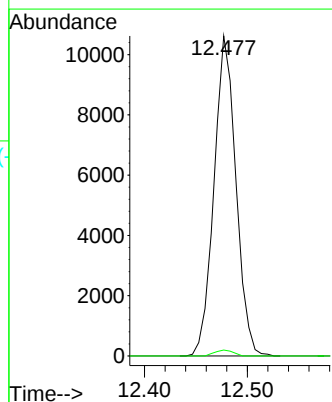
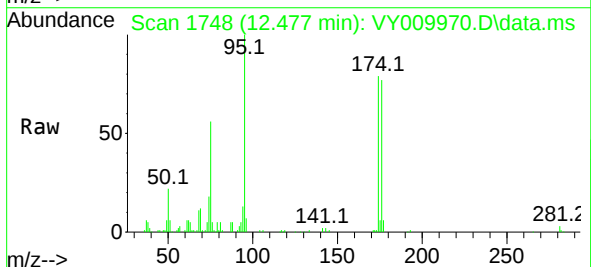
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-080922

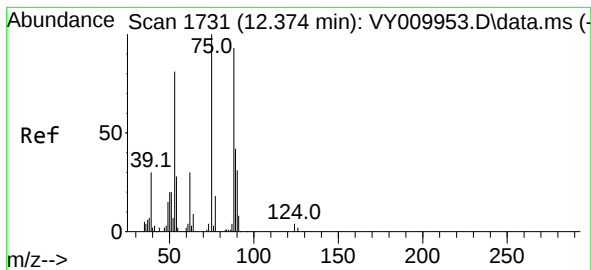
Tgt Ion:152 Resp: 57737
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.6 85.9
 150 159.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 25.529 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009970.D
 Acq: 11 Aug 2022 17:43

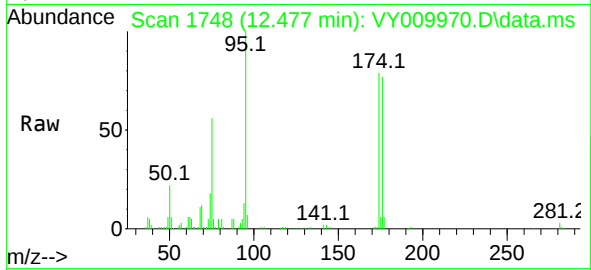
Tgt Ion: 75 Resp: 15736
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.694 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009970.D
 Acq: 11 Aug 2022 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-080922



Tgt Ion: 75 Resp: 15736
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

